

In the Specification

On page 1, please replace the second paragraph with the following:

~~Background-Art~~

Biaxially oriented poly(ethylene terephthalate) film, which is a typical type of polyester film, is broadly used in various fields, such as industrial material, magnetic recording material, optical material, information material, and packaging material, because of its superior mechanical strength, thermal properties, humidity properties, and other outstanding characteristics.

Please replace the paragraph spanning pages 2 and 3 with the following:

In order to enhance the impact resistance and pinhole resistance of polyester to overcome the above-described disadvantages, some approaches have been proposed. For example, Japanese Unexamined Patent Application Publication No. 6-79776 discloses a flexible polyester film having a specific Young's modulus; Japanese Unexamined Patent Application Publication No. 7-330926, a polyester film prepared by blending a poly(tetramethylene glycol) having a specific molecular weight to a polyester in a specific proportion and adding a specific amount of specific particles. Japanese Unexamined Patent Application Publication No. 2001-11213 also discloses a flexible polyester film prepared by adding poly(ethylene terephthalate) to a modified poly(butylene terephthalate) containing a specific amount of poly(tetramethylene glycol). However, these approaches undesirably affect the mechanical characteristics and transparency of the resulting films, or the films onto which aluminum oxide or silicon oxide is deposited exhibit poor transparency. Furthermore, ~~the most~~ important characteristics, impact resistance and flex pinhole resistance, are insufficient.

On page 3, please replace the first full paragraph with the following:

Accordingly, ~~the object of the present invention is to overcome the above-described problems, and hence it would be advantageous~~ to provide a polyester film having the same characteristics as biaxially oriented polyamide film, such as impact resistance and flex pinhole resistance, and further exhibiting superior gas barrier properties after a metal or metal oxide is deposited on the film, with its inherent characteristics maintained, such as low hygroscopicity, dimensional stability, flatness, and transparency.

Please replace the section titles and paragraphs spanning pages 3 and 4 with the following:

~~Disclosure~~Summary of the Invention

This invention relates to a polyester film comprising a polyester resin containing an ethylene terephthalate component, a butylene terephthalate component, and a polyoxyalkylene glycol component, wherein the polyester resin comprises a polyester mainly composed of a repeating unit comprising ethylene terephthalate, a polyester mainly composed of a repeating unit comprising butylene terephthalate, and a block copolymer constituted of poly (ethylene terephthalate) or poly (butylene terephthalate) and a polyester of the polyoxyalkylene glycol and a dicarboxylic acid component, and wherein the content of the ethylene terephthalate component is in the range of 60% to 90% by weight relative to the total amount of the ethylene terephthalate component, the butylene terephthalate component, and the polyoxyalkylene glycol component, the content of the butylene terephthalate component is in the range of 10% to 40% by weight relative to the total amount of the ethylene terephthalate component, the butylene terephthalate component, and the polyoxyalkylene glycol component, and the content of the polyoxyalkylene glycol component is in the range of 0.1% to 5% by weight relative to of the total amount of the ethylene terephthalate component, the butylene terephthalate component, and the polyoxyalkylene glycol component.

Detailed Description

To overcome the problems, the polyester film of the present invention has features as follows. The polyester film comprises a mixture of 70% to 97% by weight of polyester A and 3% to 30% by weight of polyester B, and has a melting point in the range of 245 to 270°C. Polyester A is mainly composed of a repeating unit comprising ethylene terephthalate, and polyester B is mainly composed of a repeating unit comprising butylene terephthalate. Alternatively, the polyester film comprises a polyester resin containing an ethylene terephthalate component, a butylene terephthalate component, and a polyoxyalkylene glycol component. The content of the ethylene terephthalate is in the range of 60% to 90% by weight relative to the total amount of the ethylene terephthalate component, the butylene terephthalate component, and the polyoxyalkylene glycol component. The content of the butylene terephthalate component is in the range of 10% to 40% by weight relative to the total amount of the ethylene terephthalate component, the butylene terephthalate component, and the polyoxyalkylene glycol component. The content of the polyoxyalkylene glycol component is in the range of 0.1% to 5% by weight relative to of the total amount of the ethylene terephthalate component, the butylene terephthalate component, and the polyoxyalkylene glycol component.